

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR
Mobil Producing TX. & N.M. Inc.

3. ADDRESS OF OPERATOR
Nine Greenway Plaza, Suite 2700, Houston, Texas 77046-3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
1520' FSL & 790' FEL, Sec. 14, T27N, R3W
At proposed prod. zone
Same as surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
1520'
(790')

16. NO. OF ACRES IN LEASE
2336.80

17. NO. OF ACRES ASSIGNED TO THIS WELL
320 (2 wells)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
2705'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7026' - GR

22. APPROX. DATE WORK WILL START*
As Soon As Possible

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"*	20# H-40	0 - 350'	1. Circulate to surface
7-7/8"	5-1/2"*	14# H-55	0 - 5400'	2. Circulate to surface in two
	5-1/2"*	15.5# K-55	5400' - 6000'	stages. DV tool set at 3850'±

*All casing will be new.

CEMENTING PROGRAM

1. Class B with 2% CaCl

2. Lead: Howco Lt + 5#/SK gelsonite + 1/4# SX FC
Tail: Class B + 1/4#/SX FC

MUD PROGRAM

Depth	Types of Mud	Weight	Viscosity	pH	Water Loss
0 - 350'	Spud Mud	9.2	40	9.5	NC
350' - 6000'	Fresh Gel	8.8	35	9.5	10 cc's

BLOWOUT PREVENTER PROGRAM
See attachment

LOGGING PROGRAM

Type	Depth
SP-IR	350' - 6000'
GR-CND	350' - 6000'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. A. D. Bond Regulatory Engineering
SIGNED A. D. Bond TITLE Coordinator II DATE August 6, 1981

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED
AS AMENDED
DATE _____
1981
<i>Dean E. Sims</i>
F. SIMS
DISTRICT ENGINEER

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

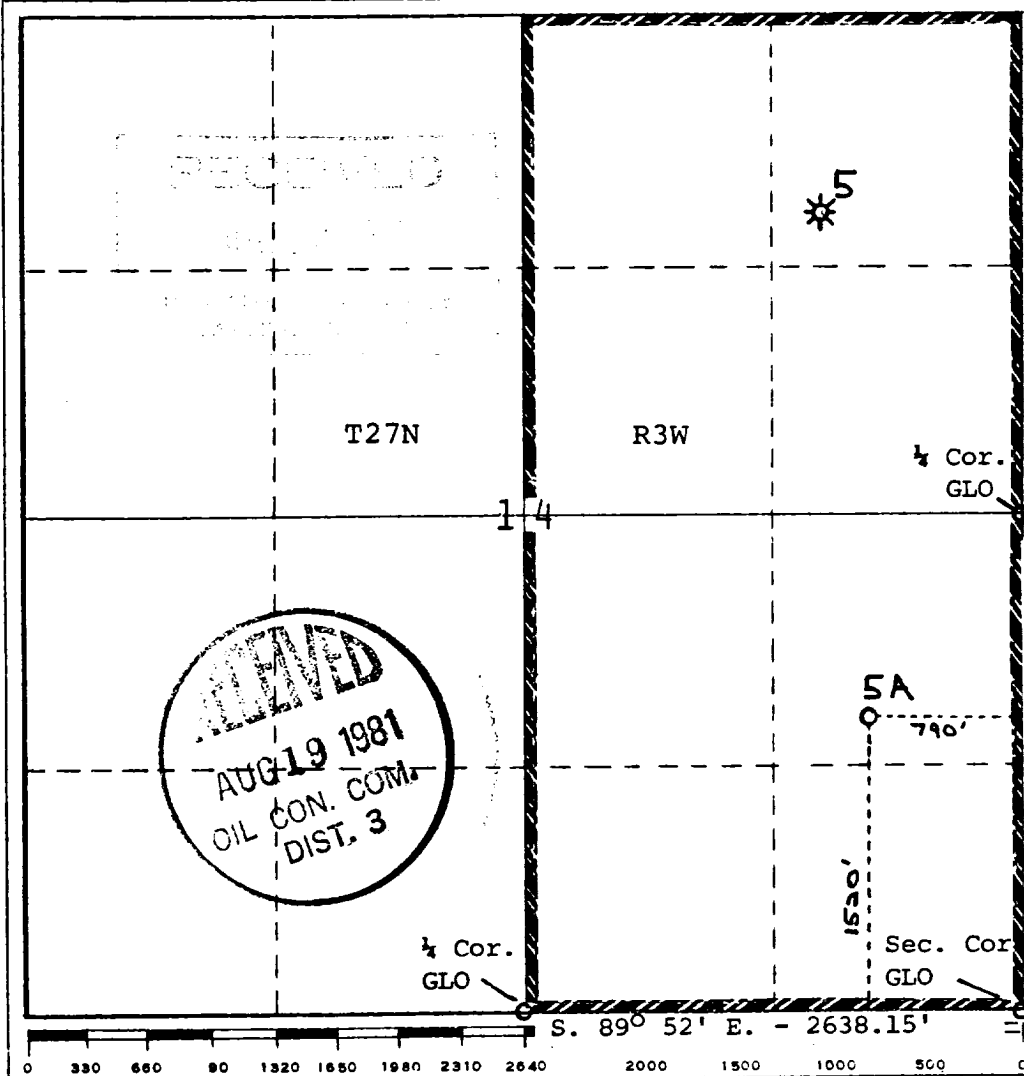
Operator Mobil Producing TX. & N.M. Inc.			Lease Jicarilla E		Well No. 5A
Unit Letter I	Section 14	Township 27N	Range 3W	County Rio Arriba	
Actual Footage Location of Well:					
1520 feet from the South line and		790 feet from the East line			
Ground Level Elev. 7026'	Producing Formation Mesaverda	Pool Blanco Mesaverde Gas		Dedicated Acreage: 320 (2 wells) Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

A. D. Bond

Name
A. D. Bond

Position **Regulatory Engineering Coordinator II**

Company **Mobil Producing TX. & N. M. Inc.**

Date
August 6, 1981

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

H. A. Carson, Jr.
July 27, 1981

Date Surveyed
H. A. Carson, Jr.

Registered Professional Engineer and/or Land Surveyor

5063

Certificate No.

